



TMC2



TMC2 Aluminum Globally Approved, Hazardous (Classified) Location Cable Gland

For MC, MC-HL, Interlocked & Teck Armored Cables

- Simplified two part design
- Compact slim profile
- Independent sealing & armor clamping
- Simple, sequential installation process
- No disassembly required
- Equipment interface 'O' ring seal as standard
- Hub not required
- 360° grounding spring (non-magnetic)
- -76°F to 230°F
- Globally marked, cCSAus, IECEx & ATEX



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class D
ATEX Certificate	SIRA09ATEX1164X
Code of Protection	Ⓔ II 2GD, Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	EN 60079-0,7, EN 612410,1
IECEx Certificate	IECEx SIR 09.0068X
Code of Protection	Ex e IIC Gb, Ex ta IIIC Da
Compliance Standards	IEC 60079-0,1,7,31
cCSAus Certificate	2194053
CSAus Code of Protection	Class I, Div 2, Groups A, B, C and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Type 4X. Class I, Zone 1, AEx e II; AEx ta IIC:
cCSA Code of Protection	Class I, Div 2, Groups A, B, C and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Type 4X. Ex e II;
Compliance Standards	CAN/CSA-C22.2 Various Sections (See Certificate) CAN/CSA-E60079-0,7, CAN/CSA-E612411, ANSI/UL 514B Ed 5, ANSI/UL 50 Ed 11
EAC Certificate	TC RU C-GB.AA87.B.00487
UkrSEPRO	UA.TR.047.C.0644-15
CCOE / PESO (India) Certificate	P333688
RETIE Approval Number	03866
Marine Approvals	LRS: 01/00172 (E3) DNV: TAE000000Y ABS: 15-LD1410479-PDA BV: 43180/A1
Ingress Protection Rating**	NEMA 4X & IP66
Cable Type	Corrugated & Interlocked Metal Clad Armor (MC) or TECK90, Continuously Welded Metal Clad Armor (MCHL), ACIC-HL, ACWU90-HL, RC90-HL, RA90-HL
Armor Clamping	360° Stainless Steel Grounding Spring (non-magnetic)
Jacket Sealing Technique	CMP Load Retention Seal
Sealing Area(s)	Cable Outer Jacket
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer
Cable Gland Material	Copper Free (<0.4%) Aluminum, Stainless Steel, Electroless Nickel Plated Brass

Cable Gland Selection Table

Refer to illustration at the top of the page

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

** When CMP installation accessories are used. Refer to page 7 or www.cmp-products.com for further information.

Order Reference (NPT suffix required)			Entry Thread "C"		Minimum Thread Length "E"	Cable Armor Diameter "A"				Cable Jacket Diameter "B"		Thru Bore "G"	Across Flats "D"	Across Corners "D"	Nominal Assembly Length "F"	Shroud	Approx Weight Aluminum (Ozs)
Aluminum	Nickel Plated Brass	Stainless Steel	NPT Standard	NPT Option		Armor Stop In		Armor Stop Out		Min	Max	Max	Max	Max			
						Min	Max	Min	Max								
TMC2050A075	TMC2050NB075	TMC2050SS075	½"	-	0.78	0.42	0.55	0.55	0.63	0.50	0.75	0.51	1.20	1.32	2.44	PVC06	2.29
TMC2075A075	TMC2075NB075	TMC2075SS075	-	¾"	0.80	0.42	0.55	0.55	0.63			0.51					
TMC2050A099	TMC2050NB099	TMC2050SS099	½"	-	0.78	0.60	0.65	0.65	0.89			0.61					
TMC2075A099	TMC2075NB099	TMC2075SS099	-	¾"	0.80	0.60	0.78	0.78	0.89	0.69	0.99	0.75	1.48	1.63	2.96	PVC09	3.00
TMC2075A118	TMC2075NB118	TMC2075SS118	¾"	-	0.80	0.79	0.86	0.86	1.10	0.87	1.18	0.82	1.81	1.99	3.15	PVC11	5.11
TMC2100A118	TMC2100NB118	TMC2100SS118	-	1"	0.98	0.79	0.98	0.98	1.10			0.95					
TMC2100A137	TMC2100NB137	TMC2100SS137	1"	-	0.98	0.94	1.08	1.08	1.28	1.02	1.37	1.04	2.05	2.26	3.55	PVC15	6.70
TMC2125A137	TMC2125NB137	TMC2125SS137	-	1¼"	1.01	0.94	1.18	1.18	1.28			1.14					
TMC2125A162	TMC2125NB162	TMC2125SS162	1¼"	-	1.01	1.22	1.35	1.35	1.50	1.30	1.62	1.31	2.36	2.60	3.59	PVC18	8.82
TMC2150A162	TMC2150NB162	TMC2150SS162	-	1½"	1.03	1.22	1.42	1.42	1.50			1.38					
TMC2125A190	TMC2125NB190	TMC2125SS190	1¼"	-	1.01	-	-	1.51	1.72	1.57	1.90	1.37	2.56	2.82	3.59	PVC37	9.45
TMC2150A190	TMC2150NB190	TMC2150SS190	-	1½"	1.03	-	-	1.51	1.72			1.54					
TMC2150A200	TMC2150NB200	TMC2150SS200	1½"	-	1.03	1.57	1.70	1.70	1.88	1.65	2.00	1.61	2.75	3.03	3.76	PVC21	11.06
TMC2200A200	TMC2200NB200	TMC2200SS200	-	2"	1.06	1.57	1.70	1.70	1.88			1.65					
TMC2150A233	TMC2150NB233	TMC2150SS233	-	1½"	1.03	-	-	1.81	2.21			1.61					
TMC2200A233	TMC2200NB233	TMC2200SS233	2"	-	1.06	-	-	1.81	2.21	1.90	2.33	2.03	2.95	3.25	3.97	PVC23	12.77
TMC2250A233	TMC2250NB233	TMC2250SS233	-	2½"	1.57	-	-	1.81	2.21			2.03					
TMC2200A272	TMC2200NB272	TMC2200SS272	-	2"	1.06	2.14	2.46	2.17	2.61			2.07					
TMC2250A272	TMC2250NB272	TMC2250SS272	2½"	-	1.57	2.14	2.46	2.46	2.61	2.27	2.72	2.40	3.54	3.89	4.10	PVC28	24.69
TMC2300A272	TMC2300NB272	TMC2300SS272	-	3"	1.63	2.14	2.46	2.46	2.61			2.40					
TMC2300A325	TMC2300NB325	TMC2300SS325	3"	-	1.63	2.49	2.78	2.78	2.97	2.62	3.25	2.72	4.33	4.76	4.67	PVC32	42.68
TMC2350A325	TMC2350NB325	TMC2350SS325	-	3½"	1.69	2.49	2.78	2.78	2.97			2.72					
TMC2350A376	TMC2350NB376	TMC2350SS376	3½"	-	1.69	2.95	3.45	3.45	3.54	3.16	3.76	3.38	4.84	5.32	4.95	LSF33	53.44
TMC2400A376	TMC2400NB376	TMC2400SS376	-	4"	1.73	2.95	3.45	3.45	3.54			3.38					
TMC2400A425	TMC2400NB425	TMC2400SS425	4"	-	1.73	-	-	3.56	3.94	3.70	4.25	3.59	5.23	5.75	5.16	LSF34	59.19

Order Code Example: TMC2050A075 - "TMC2" (Type Gland) - "050" (1/2" NPT Thread) - "A" (Material Aluminum) - "075" (Max Cable Diameter 0.75")

Dimensions are displayed in inches unless otherwise stated